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"PATENT"

AMENDMENT TRANSMITTAL FORM

In re application of: Ramesh Varadaraj
U. S. Serial No.: 10/721,959 [810031]
Filed: November 25, 2003
For: DEMULSIFICATION OF EMULSIONS BY
OSCILLATORY MIXING

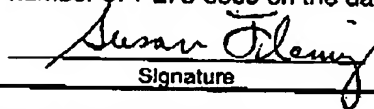
) Before the Examiner
) Peter A. Hruskoci
) Confirmation Number: 5901
) Group Art Unit: 1724
) Family Number: P2003J005 US2

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

CERTIFICATION OF FACSIMILE TRANSMISSION

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Susan Fleming



July 27, 2005

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Transmittal herewith is an amendment/response in the above-identified application.

Petition for extension of time pursuant to 37 CFR 1.136 and 1.137 is hereby made, if and to the extent, required. The fee for this extension of time is calculated to be \$_____ to extend the time for filing this response until _____.

The fee for any changes in number of claims has been calculated as shown below.

CLAIMS AS AMENDED						
(1)	(2) Claims Remaining After Amendment	(3)	(4) Highest Number Previously Paid For	(5) Present Extra	(6) Rate	(7)
Total Claims	* 20	Minus	** 21		x 50.00	—
Indep. Claims	* 2	Minus	*** 3		x 200.00	—
MULTIPLE DEPENDENT CLAIM FEE					\$ 360.00	—
FEE FOR CLAIM CHANGES						—

* If the entry in Column 2 is less than the entry in Column 4, write "0" in Column 5.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The total fee for this AMENDMENT, including claim changes and any extension of time is calculated to be \$ 0.

☒ Charge \$ 0 to DEPOSIT ACCOUNT NO. 05-1330.

☒ The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 and 1.17 which may be required by this paper, or credit any overpayment, to DEPOSIT ACCOUNT NO. 05-1330. A duplicate copy of this Form is enclosed.

July 27, 2005
DATE OF SIGNATURE

Post Office Address: [to which correspondence is to be sent]
ExxonMobil Research and Engineering Company
P. O. Box 900
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☒ Pursuant to 37 CFR 1.34(a)

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27810

PATENT TRADEMARK OFFICE

RECEIVED
CENTRAL FAX CENTER**JUL 27 2005****"PATENT"****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of
Ramesh Varadaraj
U. S. Serial No. 10/721,959
Filed: November 25, 2003

) Before the Examiner
) Peter A. Hruskoci
)
) Confirmation Number: 5901
) Group Art Unit: 1724

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

AMENDMENTS

In the specification, "penolformaldehyde" on page 6 has been changed to -phenolformaldehyde- to correct an obvious typographical error. Claim 2 has been added to claim 1 to distinguish from the prior art. Claim 3 has been amended to fix antecedent basis issues.

REMARKS

The purpose of the amendments to the specification is to fix an obvious typographical error. Claim 1 is now defined to require the oscillations be conducted at the fracture frequency of the emulsion. Claim 3 has been amended, as suggested by Examiner, to place it in condition for allowance.

SPECIFICATION

The specification has been amended to fix an obvious typographical error. This amendment complies with the examiner's objection.

CERTIFICATION OF FACSIMILE TRANSMISSION		
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<u>Susan Fleming</u>	<u><i>Susan Fleming</i></u>	<u>July 27, 2005</u>
Print name of person signing certification	Signature	Date

**27810****PATENT TRADEMARK OFFICE**

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CLAIM REJECTIONS 35 USC §112

The new claim language corrects the antecedent basis issues. Since all antecedent basis rejections have been corrected, the Examiner is requested to remove this rejection in consideration of the amendments.

CLAIM REJECTIONS 35 USC §103

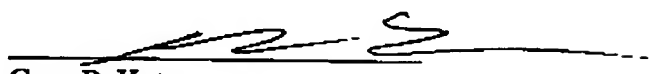
The prior art does not teach the claimed specific limitation of conducting oscillatory mixing at about a frequency corresponding to fracture frequency of the emulsion. The cited reference U.S. Patent No. 1,781,076 according to the Examiner, teaches "that the oscillatory mixing is conducted at a specific frequency." This is not the same as Applicant's limitation of conducting the oscillatory mixing at the fracture frequency of the emulsion.

The Examiner is respectfully requested to provide a justification for arguing a disclosure of "at a specific frequency" is equivalent to fracture frequency of the emulsion. The Examiner is also requested to provide a motivation to combine fracture frequencies of emulsion with oscillatory mixing of the emulsion mindful that the motivation to combine cannot come from the Applicant's disclosure. Since none of the prior art references singularly or in combination discloses all of the required elements of the claims, the Examiner is respectfully requested to reconsider and remove the obviousness rejection.

CONCLUSION

The application is now in condition for allowance. Applicant respectfully requests the Examiner reconsider the rejection of the claims in consideration of the amendments and arguments and allow this application.

Respectfully submitted,


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☒ Pursuant to 37 CFR 1.34(a)

U.S. Serial No. 10/721,959
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